

**Abstract**

Michael B. Lasky Atty. Reg. Number 29,555 MBL/mka
---

**Appendix A**  
**Marked Up Version of the Amended Claims**

---

A<sup>2</sup> 13. A frame control method for controlling a transport frame used for transmitting a data unit (TB) via a dedicated channel between network elements (2, 3; 10) of a communication system having different types of connections, comprising the steps of:

- (a) encapsulating said data unit (TB) into said transport frame;
- (b) selecting a frame type coding of said transport frame in accordance with a connection type of said dedicated channel; and
- (c) maintaining information on the frame types to be used for data units on a dedicated channel.

14. A frame control method according to claim [1] 13, wherein said frame type coding defines specific control information fields of the transport frame and its bit number.

15. A frame control method according to claim [2] 14, wherein said specific control information fields include a transport format indicator field the bit number of which is determined on the basis of the number of different transport format indicators allowed for said dedicated channel.

16. A frame control method according to claim [3] 15, wherein the value of said transport format indicator field defines if and how a whole original data unit set is split into different data units to be transported via said dedicated channel.

17. A frame control method according to claim [3 or 4] 15, wherein the value of said transport format indicator field defines the presence and/or bit number of another one of said specific control information fields.

18. A frame control method according to claim [5] 17, wherein said other one of said specific control information fields is a frame reliability information field which is provided when the value of said transport format indicator field indicates a high bit rate transmission.

A2  
CONT

19. A frame control method according to [any one of the preceding claims] claim 13, wherein said frame type coding is selected in a set-up phase of said dedicated channel based on corresponding set-up parameters of said dedicated channel.

20. A frame control method according to claim [1] 13, wherein said frame type coding does not include a channel indicator field, if one transport connection is allocated to said dedicated channel.

21. A frame control method according to [any one of the proceeding claims] claim 13, wherein said frame control method is used in a user plane interface of a WCDMA system.

22. A frame control method according to claim [9] 21, wherein said dedicated channel is an AAL 2 channel and said data unit is a user plane data unit.

23. A frame control apparatus for controlling a transport frame used for transmitting a data unit **(TB)** via a dedicated channel between network elements **(2, 3; 10)** of a communication system having different types of connections, comprising:

- (a) means **(12)** for encapsulating said data unit **(TB)** into said transport frame;
- (b) means **(13)** for selecting a frame type coding of said transport frame in accordance with a connection type of said dedicated channel, and
- (c) means for maintaining information on the frame types to be used for data units on a dedicated channel.

24. A frame control apparatus according to claim [11] 23, wherein said network elements **(2, 3; 10)** comprise a base station subsystem **(2)** and a radio network controller **(3)** of a mobile communication system **(6)**.